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Case type plus sign inside this box + PTO/SB/05 (03/01) Approved for use through 10/31/2002 OMB 0651-0032 +

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 1.53(b))

Attorney Docket No.	H 5447 US
First Inventor	Hans-Heinrich Trutnau et al.
Title	Flow Cell System
Express Mail Label No.	EF380104380US

JCP 79 U.S. PTO  
 10/074649  
 02/13/02

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See CFR 1.27.
3. ☒ Specification [Total Pages / 12 / ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets / 3 / ]
5. ☒ Oath or Declaration [Total Pages / 3 / ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☒ Other: Checks for \$794.00 & \$40.00

**18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**

☐ Continuation      ☐ Divisional      ☐ Continuation-in-part (CIP)      of the prior application No: /

Prior application information      Examiner:      Group/Art Unit  
 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
NAME		George L. Snyder, Jr.			
		Hodgson Russ LLP			
ADDRESS		One M&T Plaza, Suite 2000			
CITY	Buffalo	STATE	New York	ZIP CODE	14203-2391
COUNTRY	United States of America	TELEPHONE	(716) 856-4000	FAX	(716) 849-0349
Name (Print/Type)	George L. Snyder, Jr.		Registration No (Attorney/Agent)		37,729
Signature			Date	February 13, 2002	

"Express Mail" Mailing Label Number EF380104380US      Date of Deposit February 13, 2002

I hereby Certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

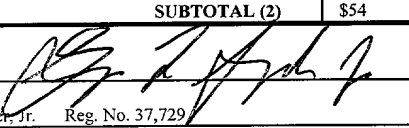
Barbara Haggerty  
Name

Signature

BFLODOCS:658897

PTO/SB/17 (11/01)    Approved for use through 10/31/2002, OMB 0651-0032 <b>FEE TRANSMITTAL</b> <b>for FY 2002</b> <i>Patent Fees are subject to annual revision.</i> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Application Number					
		Filing Date		02/13/2002			
		First Named Inventor		Hans-Heinrich Trutnau et al.			
		Examiner Name					
		Group/Art Unit					
TOTAL AMOUNT OF PAYMENT		(\$834.00)		Attorney Docket Number		H 5447 US	

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None  <input type="checkbox"/> Deposit Account: Deposit Account Number: <u>08-2442</u> Deposit Account Name: <u>Hodgson Russ LLP</u> The Commissioner is hereby authorized to (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments  <input type="checkbox"/> Charge any additional fees during pendency of this application.  <input type="checkbox"/> Charge fees indicated below, except for the filing fee to the above-identified deposit account				3. ADDITIONAL FEES					
				Large Entity		Small Entity			
				Fee Code	Fee (\$)	Fee Code	Fee (\$)		
				Fee Description					
						Fee Paid			Fee Paid
				105	130	205	65	Surcharge - late filing fee or oath	\$
				127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
				139	130	139	130	Non-English specification	\$
				147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	\$
FEE CALCULATION				112	920*	112	920*	Requesting Publication of SIR prior to Examiner Action	\$
1. BASIC FILING FEE				113	1,840*	113	1,840*	Requesting Publication of SIR after Examiner Action	\$
Large Entity    Small Entity									
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description				Fee Paid	
101	740	201	370	Utility filing fee				\$740	
106	330	206	165	Design filing fee				\$	
107	510	207	255	Plant filing fee				\$	
108	740	208	370	Reissue filing fee				\$	
114	160	214	80	Provisional filing fee				\$	
SUBTOTAL (1)				\$740					
2. EXTRA CLAIM FEES FOR UTILITY/ REISSUE									
Extra    Fee from									
Claims    below									
Total Claims    /23 / - 20** = / 3/ x /18/ =				\$54					
Independent Claims / 2 / - 3** = / 0 / x /84 / =				\$0					
Multiple dependent    / / x / / =				\$					
Large Entity    Small Entity									
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description				Fee Paid	
141	1,280	241	640	Petition to revive - unintentional				\$	
142	1,280	242	640	10 advance copies Utility issue fee (or reissue)				\$	
143	460	243	230	Design issue fee				\$	
144	620	244	310	Plant issue fee				\$	
102	84	202	42	Independent claims in excess of 3				\$	
104	280	204	140	Multiple dependent claim if not paid				\$	
109	84	209	42	**Reissue independent claims over original patent				\$	
110	18	210	9	**Reissue claims in excess of 20 and over original patent				\$	
SUBTOTAL (2)				\$54					
SIGNATURE: 				146	740	246	370	Filing a submission after final rejection(37 CFR 1.129(a))	\$
George L. Snyder, Jr.    Reg. No. 37,729				149	740	249	370	For each add'l invention to be examined(37 CFR1.129(b))	\$
DATE: February 13, 2002    Telephone. (716) 856-4000				179	740	279	370	Request For Continued Examination (RCE)	\$
				169	900	169	900	Request for Expedited Examination of a design appln.	\$
				Other fee (specify) _____					\$
				SUBTOTAL (3)					\$40
				*Reduced by basic filing fee paid					

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Barbara Haggerty  
Name

Signature

February 13, 2002  
Date of Signature

BFLODOCS: 658900